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PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Gill	Examiner:	Uhlir, N.
Serial No.:	10/629,884	Group Art Unit:	1773
Filed:	July 29, 2003	Docket No.:	HSJ920030125US1 (HITG.037PA)
Title:	LOW RESISTANCE MAGNETIC TUNNEL JUNCTION STRUCTURE		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 7, 2004.

By: 

David W. Lynch

**AMENDMENT AND RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated September 7, 2004, reconsideration and allowance of the application are respectfully requested in view of the amendments to the claims and remarks below.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 9 of this paper.